Directions

Glance 'n Go Sampling for Greenbugs in Winter Wheat

Treatment Threshold = 5 Greenbugs/Tiller



Economic Thresholds for January - May

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- ► To sample the wheat field, use a "zig zag" or "W" pattern and walk at least 15 steps (about 30 ft) between stops.
- ► Carefully pull and examine 3 tillers (stems) per stop, taking one tiller from the left, right, and front.
- At each stop, color in the leaf for each tiller that has one or more greenbugs on it, and keep a running total. If the number of infested tillers is less than or equal to the number in the "Don't Treat" column then stop sampling, and do not treat. If the number of infested tillers is equal to or greater than the number in the "Treat" column then stop sampling, and treat the field. If the number falls within the numbers listed in the "Keep Sampling" column, continue sampling until a decision can be made, or the "Stop Sampling" box has been reached.
- ▶ If the "Stop Sampling" box is reached and a decision is not made:
 - ▶ Do not spray if most of the greenbugs are mummies.
 - ▶ Recheck the field in 2-4 days if no or very few mummies are present.

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Field 1

Date

Spring, Threshold = 5

| Sample ▼ | | | ry 30 ft. and look at ch tiller that has 1 o | | | Total tillers with 1 or more | Don't Treat | Keep Sampling | Treat |
|-----------------|------------------------------|------------------------------|---|------------------------------|--------|------------------------------|----------------|------------------|---------------|
| | Stop 1 | Stop 2 | Stop 3 | Stop 4 | Stop 5 | greenbugs | ▼ | ▼ ° | lacktriangle |
| Tillers 1-15 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ۵۵۵ | ▶ /15▶ | 6 or less | 7-15 | N/A |
| Tillers 16-30 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ٥٥٥ | ► /30► | 18 or less | 19-26 | 27 or more |
| Tillers 31-45 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | | ► /45 ► | 29 or less | 30-37 | 38 or more |
| Tillers 46-60 ▶ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ▶ /60▶ | 41 or less | 42-49 | 50 or more |
| Tillers 61-75 ▶ | $\delta\delta\delta$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ٥٥٥ | ▶ /75 ▶ | 52 or less | 53-60 | 61 or more |
| Tillers 76-90 ▶ | $\Diamond \Diamond \Diamond$ | 000 | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ۵۵۵ | ▶ /90▶ | 64 or less | 65-72 | 73 or more |

Field 2

Date

Spring, Threshold = 5

| Sample ▼ | Stop 1 | | ery 30 ft. and look at ch tiller that has 1 o Stop 3 | | Stop 5 | Total tillers with 1 or more greenbugs | Don't Treat ▼ | Keep Sampling | Treat |
|-----------------|------------------------------|------------------------------|--|-----|--------|--|---------------------|------------------|---------------|
| Tillers 1-15 ▶ | ۵۵۵ | ۵۵۵ | ۵۵۵ | ٥٥٥ | ۵۵۵ | ► /15► | 6 or less | 7-15 | N/A |
| Tillers 16-30 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ٥٥٥ | ▶ /30 ▶ | 18 or less | 19-26 | 27 or more |
| Tillers 31-45 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ٥٥٥ | ▶ /45 ▶ | 29 or less | 30-37 | 38 or more |
| Tillers 46-60 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ٥٥٥ | ▶ /60 ▶ | 41 or less | 42-49 | 50 or more |
| Tillers 61-75 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | $\Diamond \Diamond \Diamond$ | 000 | ۵۵۵ | ▶ /75 ▶ | 52 or less | 53-60 | 61 or more |
| Tillers 76-90 ▶ | $\Delta\Delta\Delta$ | ٥٥٥ | ۵۵۵ | ٥٥٥ | ۵۵۵ | ▶ /90▶ | 64 or less | 65-72 | 73 or more |

Resample in 2-4 days

| Field 3 | | Date | S | pring, Three | shold = 5 | | | OKLA | 1500 SERVICE |
|-----------------|---|------------------------|----------|------------------------|-----------|---------------------------------|----------------|------------------|---------------|
| Sample ▼ | Stop every 30 ft. and look at 3 tillers Mark a leaf for each tiller that has 1 or more greenbugs | | | | | Total tillers with 1 or more | Don't Treat | Keep Sampling | Treat |
| | Stop 1 | Stop 2 | Stop 3 | Stop 4 | Stop 5 | greenbugs | ▼ | ▼ 3 | ▼ |
| Tillers 1-15 ▶ | $\Diamond \Diamond \Diamond$ | | ٥٥٥ | ٥٥٥ | ۵۵۵ | ▶ /15▶ | 6 or less | 7-15 | N/A |
| Tillers 16-30 ▶ | $\Diamond \Diamond \Diamond$ | | ٥٥٥ | ٥٥٥ | ۵۵۵ | ▶ /30▶ | 18 or less | 19-26 | 27 or more |
| Tillers 31-45 ▶ | $\Diamond \Diamond \Diamond$ | $\delta \delta \delta$ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ► /45 ► | 29 or less | 30-37 | 38 or more |
| Tillers 46-60 ▶ | $\Diamond \Diamond \Diamond$ | $\delta \delta \delta$ | ٥٥٥ | ٥٥٥ | ۵۵۵ | ▶ /60▶ | 41 or less | 42-49 | 50 or more |
| Tillers 61-75 ▶ | $\Diamond \Diamond \Diamond$ | $\delta\delta\delta$ | ٥٥٥ | ٥٥٥ | ۵۵۵ | ▶ /75 ▶ | 52 or less | 53-60 | 61 or more |
| Tillers 76-90 ▶ | $\Diamond \Diamond \Diamond$ | ۵۵۵ | ۵۵۵ | $\delta \delta \delta$ | ۵۵۵ | ▶ /90 ▶ | 64 or less | 65-72 | 73 or more |
| | | Stop Samplin | g Resamp | le in 2-4 days | | | | | |

| Pield 4 Date Spring, Threshold = 5 | Field 4 | Date | Spring, Threshold = 5 |
|------------------------------------|---------|------|-----------------------|
|------------------------------------|---------|------|-----------------------|

| | | | | r 0, | | | | | |
|-----------------|------------------------------|--------------------------------|---------------------------------|----------------|------------------|-----------------------|------------|-------|---------------|
| Sample ▼ | | Stop eve Mark a leaf for ea | Total tillers with 1 or more | Don't Treat | Keep Sampling | Treat | | | |
| | Stop 1 | Stop 2 | Stop 3 | Stop 4 | Stop 5 | greenbugs | ▼ | ▼ " | • |
| Tillers 1-15 ▶ | ٥٥٥ | ۵۵۵ | ۵۵۵ | ۵۵۵ | ۵۵۵ | ▶ /15▶ | 6 or less | 7-15 | N/A |
| Tillers 16-30 ▶ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ▶ /30▶ | 18 or less | 19-26 | 27 or more |
| Tillers 31-45 ▶ | ۵۵۵ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ▶ /45 ▶ | 29 or less | 30-37 | 38 or more |
| Tillers 46-60 ▶ | ۵۵۵ | ٥٥٥ | ۵۵۵ | ٥٥٥ | ٥٥٥ | ▶ /60▶ | 41 or less | 42-49 | 50 or more |
| Tillers 61-75 ▶ | $\Diamond \Diamond \Diamond$ | $\delta \delta \delta$ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ▶ /75 ▶ | 52 or less | 53-60 | 61 or more |
| Tillers 76-90 ▶ | $\Diamond \Diamond \Diamond$ | $\Diamond\Diamond\Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ۵۵۵ | ▶ /90▶ | 64 or less | 65-72 | 73 or more |
| | | Stop Samplin | g Resamp | le in 2-4 days | | | | | |

Field 5 Date Spring, Threshold = 5

| Sample V | Stop 1 | | ry 30 ft. and look at ch tiller that has 1 or Stop 3 | | Stop 5 | Total tillers with 1 or more greenbugs | Don't Treat | Keep Sampling | Treat |
|--------------------|----------------------|------------------------------|--|------------------------------|--------|--|----------------|------------------|---------------|
| Tillers 1-15 ▶ | ۵۵۵ | ٥٥٥ | ٥٥٥ | ٥٥٥ | ۵۵۵ | <u> </u> | 6 or less | 7-15 | N/A |
| Tillers 16-30 ▶ | ٥٥٥ | 000 | 000 | ٥٥٥ | ٥٥٥ | ▶ /30 ▶ | 18 or less | 19-26 | 27 or more |
| Tillers 31-45 ▶ | ٥٥٥ | $\Diamond\Diamond\Diamond$ | $\Diamond\Diamond\Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ▶ /45 ▶ | 29 or less | 30-37 | 38 or more |
| Tillers 46-60 ▶ | ٥٥٥ | $\Diamond\Diamond\Diamond$ | $\Diamond\Diamond\Diamond$ | $\Diamond \Diamond \Diamond$ | ٥٥٥ | ▶ /60▶ | 41 or less | 42-49 | 50 or more |
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| Tillers 76-90 ▶ | ۵۵۵ | ٥٥٥ | ٥٥٥ | ۵۵۵ | ۵۵۵ | ▶ /90 ▶ | 64 or less | 65-72 | 73 or more |